INDEX TO
EXPERIMENTAL TECHNIQUES

VOLUME 18, 1994

Title Index

Active Homodyne Demodulation of Mach-Zehnder Interferometric Optical Fiber Sensor (Tutorial) — Y.-L. Lo, J. Sirkis, 33-36 (Nov/Dec).

Apparatus for Evaluating Stability of Corrugated Board Under Load in Cyclic Humidity Environment — D.E. Gunderson, T.L. Laufenberg, 27-31 (Jan/Feb).

Application of Computer Image-processing and Filmy Replica Technique to the Copper Electroplating Method, An — M. Sugiura, M. Seika, 33-36 (Jan/Feb).

Automated Wind Tunnel Measurements — P. Stumpf, W. Barrett, N. Popplewell, A.H. Shah, S. Balakrishnan, 34-38 (Jul/Aug).

Comparison Between Optical Microscopy and Scanning Acoustic Microscopy for Detecting Flaws in Concrete — K.K. Aligizaki, B.R. Tittmann, G.A. Gordon, 24-28 (Sep/Oct).

Computer-aided Measurement of Inertial Properties for Planar Rigid Bodies — I.D. Akçali, H. Mutlu, 19-23 (Jul/Aug).

Crush Test Fixture for Investigating Energy Absorption of Flat Composite Plates, A — J.A. Lavoie, J. Morton, 23-26 (Nov/Dec).

Determination of Cellular Foam Material Properties for use in Finite Element Analysis — S.S. Bilkhu, M. Founas, G.S. Nusholtz, 23-25 (Jan/Feb).

Digital Fringe Multiplication of Photoelastic Images - A New Approach — T. Y. Chen, 15-18 (Mar/Apr).

Dynamic Material Properties in Birefringent Materials — S.S. Marlor, I. Miskioglu, J. Ligon, 39-42 (Jul/Aug).

Dynamic Mechanical Properties of YBCO Superconductor, The — Z. Zhong, Y. Qianjin, T. Xinlu, Z. Lizhong, W. Qimin, Z. Peiqiang, 25-27 (Jul/Aug).

Evaluation of a Fiber-optic Sensor for Strain Measurement and an Application to Contact Mechanics — F. Sienkiewicz, A. Shukla, 28-33 (Jul/Aug).

Experimental Analysis of the Metrological Performances of an Automatic Thermocouple Instrumentation System Conducted by a Simple Calibration Setup, An — P. Cappa, S.A. Sciuto, 19-23 (Sep/Oct).

Fatigue Testing of Pultruded Composite Materials — R. P. Donti, J.G. Vaughan, 27-29 (May/Jun).

Fizeau Interferometer to Study Moisture Ingression Kinetics in Adhesive Bonds, A — Y.-H. Laj, D.A. Dillard, R. Czarnek, 37-41 (May/Jun).

Isochromatic Fringe Sharpening and Multiplication — B. Han, L. Wang, 11-13 (Nov/Dec).

Measurement of the Bending Rigidity and the Friction Coefficient of Milkweed Fibers with the Kawabata Evaluation System — G. Lombard, O.G. Vermeersch, M. Weltrowski, J.-Y.F. Dréan, C. Riss, 9-14 (May/Jun).

Measurement of the Length of Fracture Process Zone in Fiber Reinforced Concrete Using Holographic Moiré — P.K. Rastogi, E. Denarié, 11-17 (Jul/Aug).

Modal Response of a Beam with Imperfect Boundary Conditions — M. French, 15-18 (Nov/Dec).

Modified Speckle-shearing Interferometry for Measurement of Partial Derivatives of Surface Displacements — S.-L. Yeh, C.-W. Kuo, C.-P. Hu, 27-31 (Nov/Dec).

Orientation of Principal Stress Components — G. Roy, 37-40 (Jan/Feb).

PC-based Laser Vision System for Plastic Strain Determination, A — C.J. Tay, H.M. Shang, C.L. Xu, 19-21 (Mar/Apr).

Performance Characterization and Modeling of a Composite Hip Prosthesis — K. Liao, 33-38 (Sep/Oct).

Recent Advances in Experimental Mechanics in Italy — G. DiChirico, 11-17 (Jan/Feb).

Remote Monitoring and Control of Microcomputer Based Data Acquisition Systems — H.A. Ashour, I.A. Tag, I.S. Al-Naimi, 23-26 (May/Jun).

Separation of Isochromatics and Isoclinics Using Fourier Transform — Y. Morimoto, Y. Morimoto, Jr., T. Hayashi, 13-17 (Sep/Oct).

Simulation of Router Action on a Lathe to Test the Cutting Tool Performance in Edge-trimming of Graphite/Epoxy Composite — M. Ramulu, E. Rogers, 23-28 (Mar/Apr).

Ski Vibrations and Damping B. Glenne, J.E. Jorgensen, J.D. Chalupnik, 19-22 (Nov/Dec).

Strain Gage Adhesives - Operating Characteristics — R.L. Hannah, R.T. Reese, 19-21 (Jan/Feb).

Structural Assessment of Reinforced Concrete Piers Using the Impact Load Method — G.E. Warren, L.J. Malvar, 15-21 (May/Jun).

TDI Camera Application in Dynamic Photomechanics — A. Asundi, M.R. Sajan, 9-11 (Sep/Oct).

Technique for Nondestructive Evaluation of Biologically Degraded Wood — R.J. Ross, R.C. DeGroot, W.J. Nelson, 29-32 (Sep/Oct).

Understanding Errors and Accuracies in DCDTs and Wire Potentiometers for Field Testing Applications — W. Hrinko, R. Miller, C. Young, B. Shahrooz, A.E. Aktan, 29-33 (Mar/Apr).

Visualization of Elastic-plastic Zones, The — K. Taniuchi, 31-35 (May/Jun).

Yield Detection in Aluminum Welded Joints Using Photostress — S.C. Gambrell, Jr., K. Kavikondala, 11-14 (Mar/Apr).

Author Index

Akçali, I.D. — Computer-aided Measurement of Inertial Properties for Planar Rigid Bodies, 19-23 (Jul/Aug).

Aktan, A.E. — Understanding Errors and Accuracies in DCDTs and Wire Potentiometers for Field Testing Applications, 29-33 (Mar/Apr).

Al-Naimi, I.S. — Remote Monitoring and Control of Microcomputer Based Data Acquisition Systems, 23-26 (May/Jun).

Aligizaki, K.K. — Comparison Between Optical Microscopy and Scanning Acoustic Microscopy for Detecting Flaws in Concrete, 24-28 (Sep/Oct).

Ashour, H.A. — Remote Monitoring and Control of Microcomputer Based Data Acquisition Systems, 23-26 (May/Jun).

Asundi, A. — TDI Camera Application in Dynamic Photomechanics, 9-11 (Sep/Oct).

Balakrishnan, S. — Automated Wind Tunnel Measurements, 34-38 (Jul/Aug).

Barrett, W. — Automated Wind Tunnel Measurements, 34-38 (Jul/Aug).

Bilkhu, S.S. — Determination of Cellular Foam Material Properties for use in Finite Element Analysis, 23-25 (Jan/Feb).

Cappa, P. — An Experimental Analysis of the Metrological Performances of an Automatic Thermocouple Instrumentation System Conducted by a Simple Calibration Setup, 19-23 (Sep/Oct).

Chalupnik, J.D. — Ski Vibrations and Damping, 19-22 (Nov/Dec).

Chen, T. Y. — Digital Fringe Multiplication of Photoelastic Images - A New Approach, 15-18 (Mar/Apr).

Czarnek, R. — A Fizeau Interferometer to Study Moisture Ingression Kinetics in Adhesive Bonds, 37-41 (May/Jun).

DeGroot, R.C. — Technique for Nondestructive Evaluation of Biologically Degraded Wood, 29-32 (Sep/Oct).

Denarié, E. — Measurement of the Length of Fracture Process Zone in Fiber Reinforced Concrete Using Holographic Moiré, 11-17 (Jul/Aug).

DiChirico, G. — Recent Advances in Experimental Mechanics in Italy, 11-17 (Jan/Feb).

Dillard, D.A. A Fizeau Interferometer to Study Moisture Ingression Kinetics in Adhesive Bonds, 37-41 (May/Jun).

Donti, R. P. — Fatigue Testing of Pultruded Composite Materials, 27-29 (May/Jun).

Dréan, J.-Y.F. — Measurement of the Bending Rigidity and the Friction Coefficient of Milkweed Fibers with the Kawabata Evaluation System, 9-14 (May/Jun).

Founas, M. — Determination of Cellular Foam Material Properties for use in Finite Element Analysis, 23-25 (Jan/Feb).

French, M. — Modal Response of a Beam with Imperfect Boundary Conditions, 15-18 (Nov/Dec).

Gambrell, Jr., S.C. — Yield Detection in Aluminum Welded Joints Using Photostress, 11-14 (Mar/Apr).

INDEX TO
EXPERIMENTAL TECHNIQUES

VOLUME 18, 1994

Title Index

Active Homodyne Demodulation of Mach-Zehnder Interferometric Optical Fiber Sensor (Tutorial) — Y.-L. Lo, J. Sirkis, 33-36 (Nov/Dec).

Apparatus for Evaluating Stability of Corrugated Board Under Load in Cyclic Humidity Environment — D.E. Gunderson, T.L. Laufenberg, 27-31 (Jan/Feb).

Application of Computer Image-processing and Filmy Replica Technique to the Copper Electroplating Method, An — M. Sugiura, M. Seika, 33-36 (Jan/Feb).

Automated Wind Tunnel Measurements — P. Stumpf, W. Barrett, N. Popplewell, A.H. Shah, S. Balakrishnan, 34-38 (Jul/Aug).

Comparison Between Optical Microscopy and Scanning Acoustic Microscopy for Detecting Flaws in Concrete — K.K. Aligizaki, B.R. Tittmann, G.A. Gordon, 24-28 (Sep/Oct).

Computer-aided Measurement of Inertial Properties for Planar Rigid Bodies — I.D. Akçali, H. Mutlu, 19-23 (Jul/Aug).

Crush Test Fixture for Investigating Energy Absorption of Flat Composite Plates, A — J.A. Lavoie, J. Morton, 23-26 (Nov/Dec).

Determination of Cellular Foam Material Properties for use in Finite Element Analysis — S.S. Bilkhu, M. Founas, G.S. Nusholtz, 23-25 (Jan/Feb).

Digital Fringe Multiplication of Photoelastic Images - A New Approach — T. Y. Chen, 15-18 (Mar/Apr).

Dynamic Material Properties in Birefringent Materials — S.S. Marlor, I. Miskioglu, J. Ligon, 39-42 (Jul/Aug).

Dynamic Mechanical Properties of YBCO Superconductor, The — Z. Zhong, Y. Qianjin, T. Xinlu, Z. Lizhong, W. Qimin, Z. Peiqiang, 25-27 (Jul/Aug).

Evaluation of a Fiber-optic Sensor for Strain Measurement and an Application to Contact Mechanics — F. Sienkiewicz, A. Shukla, 28-33 (Jul/Aug).

Experimental Analysis of the Metrological Performances of an Automatic Thermocouple Instrumentation System Conducted by a Simple Calibration Setup, An — P. Cappa, S.A. Sciuto, 19-23 (Sep/Oct).

Fatigue Testing of Pultruded Composite Materials — R. P. Donti, J.G. Vaughan, 27-29 (May/Jun).

Fizeau Interferometer to Study Moisture Ingression Kinetics in Adhesive Bonds, A — Y.-H. Laj, D.A. Dillard, R. Czarnek, 37-41 (May/Jun).

Isochromatic Fringe Sharpening and Multiplication — B. Han, L. Wang, 11-13 (Nov/Dec).

Measurement of the Bending Rigidity and the Friction Coefficient of Milkweed Fibers with the Kawabata Evaluation System — G. Lombard, O.G. Vermeersch, M. Weltrowski, J.-Y.F. Dréan, C. Riss, 9-14 (May/Jun).

Measurement of the Length of Fracture Process Zone in Fiber Reinforced Concrete Using Holographic Moiré — P.K. Rastogi, E. Denarié, 11-17 (Jul/Aug).

Modal Response of a Beam with Imperfect Boundary Conditions — M. French, 15-18 (Nov/Dec).

Modified Speckle-shearing Interferometry for Measurement of Partial Derivatives of Surface Displacements — S.-L. Yeh, C.-W. Kuo, C.-P. Hu, 27-31 (Nov/Dec).

Orientation of Principal Stress Components — G. Roy, 37-40 (Jan/Feb).

PC-based Laser Vision System for Plastic Strain Determination, A — C.J. Tay, H.M. Shang, C.L. Xu, 19-21 (Mar/Apr).

Performance Characterization and Modeling of a Composite Hip Prosthesis — K. Liao, 33-38 (Sep/Oct).

Recent Advances in Experimental Mechanics in Italy — G. DiChirico, 11-17 (Jan/Feb).

Remote Monitoring and Control of Microcomputer Based Data Acquisition Systems — H.A. Ashour, I.A. Tag, I.S. Al-Naimi, 23-26 (May/Jun).

Separation of Isochromatics and Isoclinics Using Fourier Transform — Y. Morimoto, Y. Morimoto, Jr., T. Hayashi, 13-17 (Sep/Oct).

Simulation of Router Action on a Lathe to Test the Cutting Tool Performance in Edge-trimming of Graphite/Epoxy Composite — M. Ramulu, E. Rogers, 23-28 (Mar/Apr).

Ski Vibrations and Damping B. Glenne, J.E. Jorgensen, J.D. Chalupnik, 19-22 (Nov/Dec).

Strain Gage Adhesives - Operating Characteristics — R.L. Hannah, R.T. Reese, 19-21 (Jan/Feb).

Structural Assessment of Reinforced Concrete Piers Using the Impact Load Method — G.E. Warren, L.J. Malvar, 15-21 (May/Jun).

TDI Camera Application in Dynamic Photomechanics — A. Asundi, M.R. Sajan, 9-11 (Sep/Oct).

Technique for Nondestructive Evaluation of Biologically Degraded Wood — R.J. Ross, R.C. DeGroot, W.J. Nelson, 29-32 (Sep/Oct).

Understanding Errors and Accuracies in DCDTs and Wire Potentiometers for Field Testing Applications — W. Hrinko, R. Miller, C. Young, B. Shahrooz, A.E. Aktan, 29-33 (Mar/Apr).

Visualization of Elastic-plastic Zones, The — K. Taniuchi, 31-35 (May/Jun).

Yield Detection in Aluminum Welded Joints Using Photostress — S.C. Gambrell, Jr., K. Kavikondala, 11-14 (Mar/Apr).

Author Index

Akçali, I.D. — Computer-aided Measurement of Inertial Properties for Planar Rigid Bodies, 19-23 (Jul/Aug).

Aktan, A.E. — Understanding Errors and Accuracies in DCDTs and Wire Potentiometers for Field Testing Applications, 29-33 (Mar/Apr).

Al-Naimi, I.S. — Remote Monitoring and Control of Microcomputer Based Data Acquisition Systems, 23-26 (May/Jun).

Aligizaki, K.K. — Comparison Between Optical Microscopy and Scanning Acoustic Microscopy for Detecting Flaws in Concrete, 24-28 (Sep/Oct).

Ashour, H.A. — Remote Monitoring and Control of Microcomputer Based Data Acquisition Systems, 23-26 (May/Jun).

Asundi, A. — TDI Camera Application in Dynamic Photomechanics, 9-11 (Sep/Oct).

Balakrishnan, S. — Automated Wind Tunnel Measurements, 34-38 (Jul/Aug).

Barrett, W. — Automated Wind Tunnel Measurements, 34-38 (Jul/Aug).

Bilkhu, S.S. — Determination of Cellular Foam Material Properties for use in Finite Element Analysis, 23-25 (Jan/Feb).

Cappa, P. — An Experimental Analysis of the Metrological Performances of an Automatic Thermocouple Instrumentation System Conducted by a Simple Calibration Setup, 19-23 (Sep/Oct).

Chalupnik, J.D. — Ski Vibrations and Damping, 19-22 (Nov/Dec).

Chen, T. Y. — Digital Fringe Multiplication of Photoelastic Images - A New Approach, 15-18 (Mar/Apr).

Czarnek, R. — A Fizeau Interferometer to Study Moisture Ingression Kinetics in Adhesive Bonds, 37-41 (May/Jun).

DeGroot, R.C. — Technique for Nondestructive Evaluation of Biologically Degraded Wood, 29-32 (Sep/Oct).

Denarié, E. — Measurement of the Length of Fracture Process Zone in Fiber Reinforced Concrete Using Holographic Moiré, 11-17 (Jul/Aug).

DiChirico, G. — Recent Advances in Experimental Mechanics in Italy, 11-17 (Jan/Feb).

Dillard, D.A. A Fizeau Interferometer to Study Moisture Ingression Kinetics in Adhesive Bonds, 37-41 (May/Jun).

Donti, R. P. — Fatigue Testing of Pultruded Composite Materials, 27-29 (May/Jun).

Dréan, J.-Y.F. — Measurement of the Bending Rigidity and the Friction Coefficient of Milkweed Fibers with the Kawabata Evaluation System, 9-14 (May/Jun).

Founas, M. — Determination of Cellular Foam Material Properties for use in Finite Element Analysis, 23-25 (Jan/Feb).

French, M. — Modal Response of a Beam with Imperfect Boundary Conditions, 15-18 (Nov/Dec).

Gambrell, Jr., S.C. — Yield Detection in Aluminum Welded Joints Using Photostress, 11-14 (Mar/Apr).

Glenne, B. — Ski Vibrations and Damping, 19-22 (Nov/Dec).
Gordon, G.A. — Comparison Between Optical Microscopy and Scanning Acoustic Microscopy for Detecting Flaws in Concrete, 24-28 (Sep/Oct).
Gunderson, D.E. — Apparatus for Evaluating Stability of Corrugated Board Under Load in Cyclic Humidity Environment, 27-31 (Jan/Feb).
Han, B. — Isochromatic Fringe Sharpening and Multiplication, 11-13 (Nov/Dec).
Hannah, R. L. — Strain Gage Adhesives - Operating Characteristics, 19-21 (Jan/Feb).
Hayashi, T. — Separation of Isochromatics and Isoclinics Using Fourier Transform, 13-17 (Sep/Oct).
Hrinko, W. — Understanding Errors and Accuracies in DCDTs and Wire Potentiometers for Field Testing Applications, 29-33 (Mar/Apr).
Hu, C.-P. — Modified Speckle-shearing Interferometry for Measurement of Partial Derivatives of Surface Displacements, 27-31 (Nov/Dec).
Jorgensen, J.E. — Ski Vibrations and Damping, 19-22 (Nov/Dec).
Kavikondala, K. — Yield Detection in Aluminum Welded Joints Using Photostress, 11-14 (Mar/Apr).
Kuo, C.-W. — Modified Speckle-shearing Interferometry for Measurement of Partial Derivatives of Surface Displacements, 27-31 (Nov/Dec).
Lai, Y.-H. — A Fizeau Interferometer to Study Moisture Ingression Kinetics in Adhesive Bonds, 37-41 (May/Jun).
Laufenberg, T.L. — Apparatus for Evaluating Stability of Corrugated Board Under Load in Cyclic Humidity Environment, 27-31 (Jan/Feb).
Lavoie, J.A. — A Crush Test Fixture for Investigating Energy Absorption of Flat Composite Plates, 23-26 (Nov/Dec).
Liao, K. — Performance Characterization and Modeling of a Composite Hip Prosthesis, 33-38 (Sep/Oct).
Ligon, J. — Dynamic Material Properties in Birefringent Materials, 39-42 (Jul/Aug).
Lizhong, Z. — The Dynamic Mechanical Properties of YBCO Superconductor, 25-27 (Jul/Aug).
Lo, Y.-L. — Active Homodyne Demodulation of Mach-Zehnder Interferometric Optical Fiber Sensor (Tutorial), 33-36 (Nov/Dec).
Lombard, G. — Measurement of the Bending Rigidity and the Friction Coefficient of Milkweed Fibers with the Kawabata Evaluation System, 9-14 (May/Jun).
Malvar, L.J. — Structural Assessment of Reinforced Concrete Piers Using the Impact Load Method, 15-21 (May/Jun).
Marlor, S.S. — Dynamic Material Properties in Birefringent Materials, 39-42 (Jul/Aug).
Miller, R. — Understanding Errors and Accuracies in DCDTs and Wire Potentiometers for Field Testing Applications, 29-33 (Mar/Apr).
Miskioglu, I. — Dynamic Material Properties in Birefringent Materials, 39-42 (Jul/Aug).
Morimoto, Y. — Separation of Isochromatics and Isoclinics Using Fourier Transform, 13-17 (Sep/Oct).
Morimoto, Jr., Y. — Separation of Isochromatics and Isoclinics Using Fourier Transform, 13-17 (Sep/Oct).
Morton, J. — A Crush Test Fixture for Investigating Energy Absorption of Flat Composite Plates, 23-26 (Nov/Dec).
Mutlu, H. — Computer-aided Measurement of Inertial Properties for Planar Rigid Bodies, 19-23 (Jul/Aug).
Nelson, W.J. — Technique for Nondestructive Evaluation of Biologically Degraded Wood, 29-32 (Sep/Oct).
Nusholtz, G.S. — Determination of Cellular Foam Material Properties for use in Finite Element Analysis, 23-25 (Jan/Feb).
Peiqiang, Z. — The Dynamic Mechanical Properties of YBCO Superconductor, 25-27 (Jul/Aug).
Popplewell, N. — Automated Wind Tunnel Measurements, 34-38 (Jul/Aug).
Qianjin, Y. — The Dynamic Mechanical Properties of YBCO Superconductor, 25-27 (Jul/Aug).
Qimin, W. — The Dynamic Mechanical Properties of YBCO Superconductor, 25-27 (Jul/Aug).
Ramulu, M. — Simulation of Router Action on a Lathe to Test the Cutting Tool Performance in Edge-trimming of Graphite/Epoxy Composite, 23-28 (Mar/Apr).
Rastogi, P.K. — Measurement of the Length of Fracture Process Zone in Fiber Reinforced Concrete Using Holographic Moiré , 11-17 (Jul/Aug).
Reese, R. T. — Strain Gage Adhesives - Operating Characteristics, 19-21 (Jan/Feb).
Riss, C. — Measurement of the Bending Rigidity and the Friction Coefficient of Milkweed Fibers with the Kawabata Evaluation System, 9-14 (May/Jun).
Rogers, E. — Simulation of Router Action on a Lathe to Test the Cutting Tool Performance in Edge-trimming of Graphite/Epoxy Composite, 23-28 (Mar/Apr).
Ross, R.J. — Technique for Nondestructive Evaluation of Biologically Degraded Wood, 29-32 (Sep/Oct).
Roy, G. — Orientation of Principal Stress Components, 37-40 (Jan/Feb).
Sajan, M.R. — TDI Camera Application in Dynamic Photomechanics, 9-11 (Sep/Oct).
Sciuto, S.A. — An Experimental Analysis of the Metrological Performances of an Automatic Thermocouple Instrumentation System Conducted by a Simple Calibration Setup, 19-23 (Sep/Oct).
Seika, M. — An Application of Computer Image-processing and Filmy Replica Technique to the Copper Electroplating Method, 33-36 (Jan/Feb).
Shah, A.H. — Automated Wind Tunnel Measurements, 34-38 (Jul/Aug).
Shahrooz, B. — Understanding Errors and Accuracies in DCDTs and Wire Potentiometers for Field Testing Applications, 29-33 (Mar/Apr).
Shang, H. M. — A PC-based Laser Vision System for Plastic Strain Determination, 19-21 (Mar/Apr).
Shukla, A. — Evaluation of a Fiber-optic Sensor for Strain Measurement and an Application to Contact Mechanics, 28-33 (Jul/Aug).
Sienkiewicz, F. — Evaluation of a Fiber-optic Sensor for Strain Measurement and an Application to Contact Mechanics, 28-33 (Jul/Aug).
Sirkis, J. — Active Homodyne Demodulation of Mach-Zehnder Interferometric Optical Fiber Sensor (Tutorial), 33-36 (Nov/Dec).
Stumpf, P. — Automated Wind Tunnel Measurements, 34-38 (Jul/Aug).
Sugiura, M. — An Application of Computer Image-processing and Filmy Replica Technique to the Copper Electroplating Method, 33-36 (Jan/Feb).
Tag, I.A. — Remote Monitoring and Control of Microcomputer Based Data Acquisition Systems, 23-26 (May/Jun).
Taniuchi, K. — The Visualization of Elastic-plastic Zones, 31-35 (May/Jun).
Tay, C.J. — A PC-based Laser Vision System for Plastic Strain Determination, 19-21 (Mar/Apr).
Tittmann, B.R. — Comparison Between Optical Microscopy and Scanning Acoustic Microscopy for Detecting Flaws in Concrete, 24-28 (Sep/Oct).
Vaughan, J.G. — Fatigue Testing of Pultruded Composite Materials, 27-29 (May/Jun).
Vermeersch, O.G. — Measurement of the Bending Rigidity and the Friction Coe
fficient of Milkweed Fibers with the Kawabata Evaluation System, 9-14 (May/Jun).
Wang, L. — Isochromatic Fringe Sharpening and Multiplication, 11-13 (Nov/Dec).
Warren, G.E. — Structural Assessment of Reinforced Concrete Piers Using the Impact Load Method, 15-21 (May/Jun).
Weltrowski, M. — Measurement of the Bending Rigidity and the Friction Coefficient of Milkweed Fibers with the Kawabata Evaluation System, 9-14 (May/Jun).
Xinlu, T. — The Dynamic Mechanical Properties of YBCO Superconductor, 25-27 (Jul/Aug).
Xu, C.L. — A PC-based Laser Vision System for Plastic Strain Determination, 19-21 (Mar/Apr).
Yeh, S.-L. — Modified Speckle-shearing Interferometry for Measurement of Partial Derivatives of Surface Displacements, 27-31 (Nov/Dec).
Young, C. — Understanding Errors and Accuracies in DCDTs and Wire Potentiometers for Field Testing Applications, 29-33 (Mar/Apr).
Zhong, Z. — The Dynamic Mechanical Properties of YBCO Superconductor, 25-27 (Jul/Aug).